

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016240.D
 Acq On : 06 Nov 2023 16:30
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 23:59:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

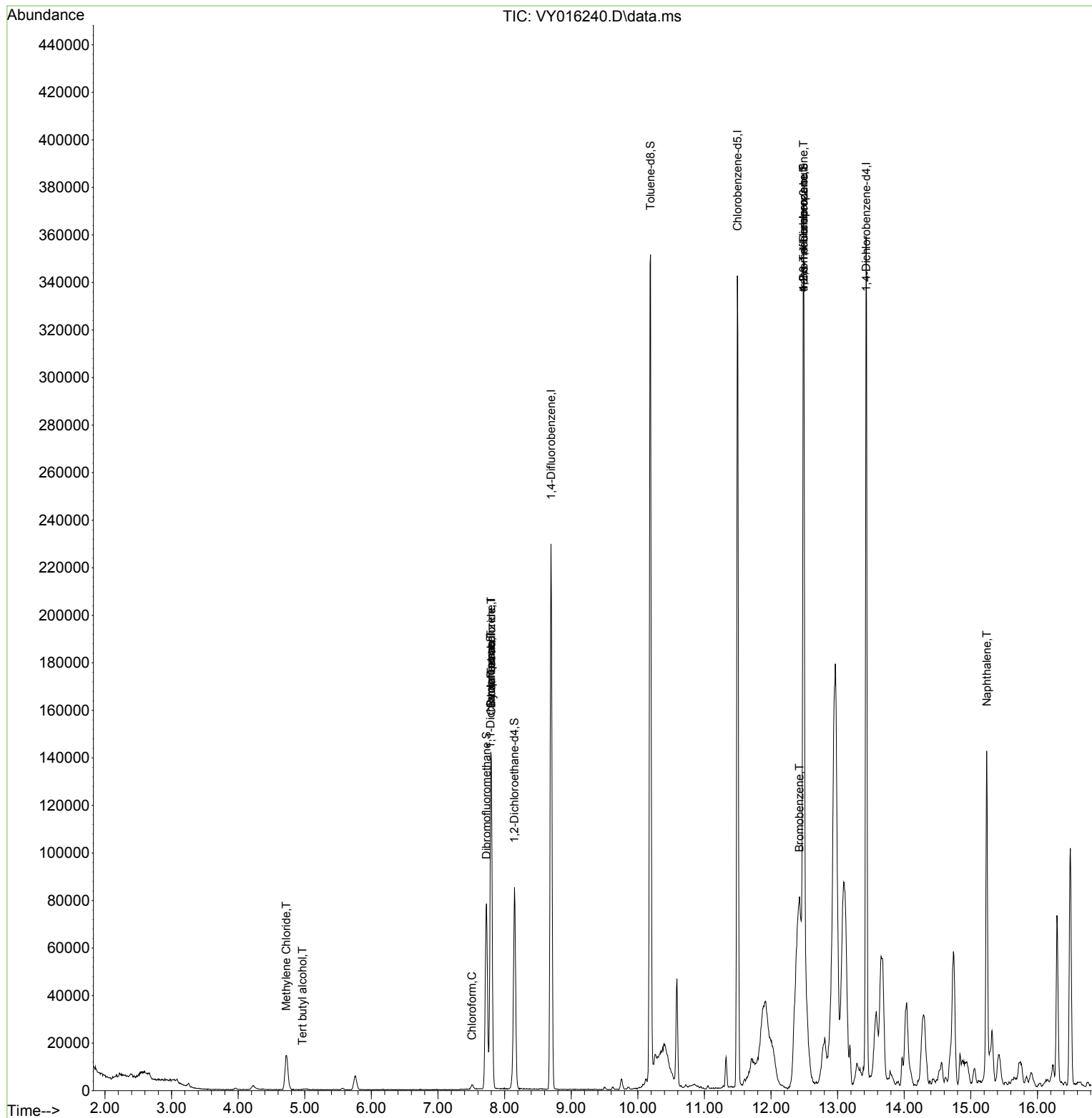
Internal Standards						
1) Pentafluorobenzene	7.795	168	113000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	197045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	189220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62854	59.443	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	118.880%	
35) Dibromofluoromethane	7.728	113	56172	47.817	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	95.640%	
50) Toluene-d8	10.191	98	232721	49.966	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	99.940%	
62) 4-Bromofluorobenzene	12.489	95	86494	54.309	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	108.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	290	3.671	ug/l #	89
16) Acetone	3.960	43	1118	Below Cal		93
20) Methylene Chloride	4.722	84	11424	8.068	ug/l #	84
30) Chloroform	7.508	83	2078	1.031	ug/l	84
31) Cyclohexane	7.795	56	2332	1.435	ug/l #	12
36) 1,1-Dichloropropene	7.789	75	8979	5.293	ug/l #	48
38) Carbon Tetrachloride	7.801	117	10812	6.434	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	49573	56.569	ug/l #	100
77) Bromobenzene	12.428	156	150454	95.188	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.489	75	49573	122.655	ug/l #	12
95) Naphthalene	15.239	128	115482	35.659	ug/l	99

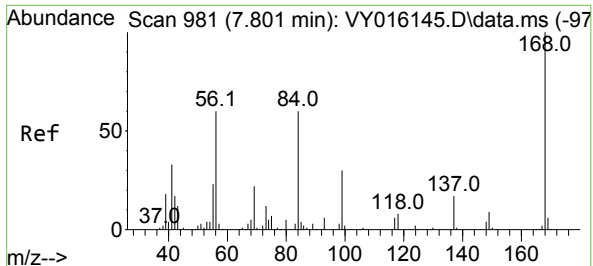
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016240.D
Acq On : 06 Nov 2023 16:30
Operator : SY/MD
Sample : BLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 06 23:59:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

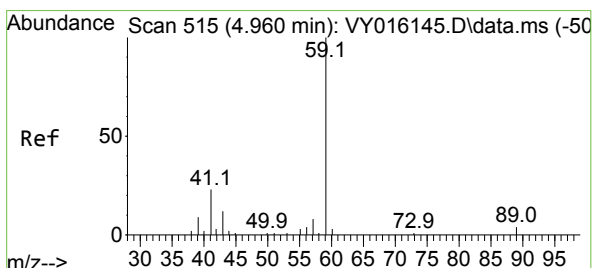
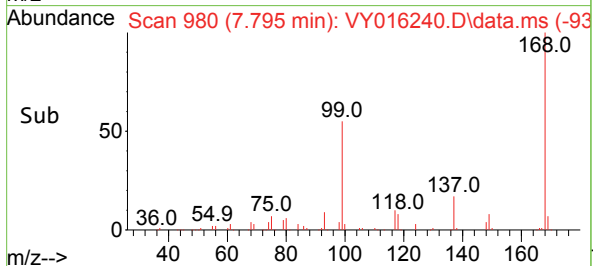
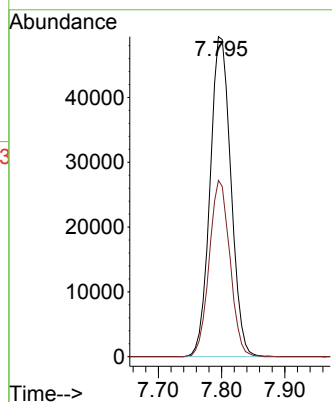
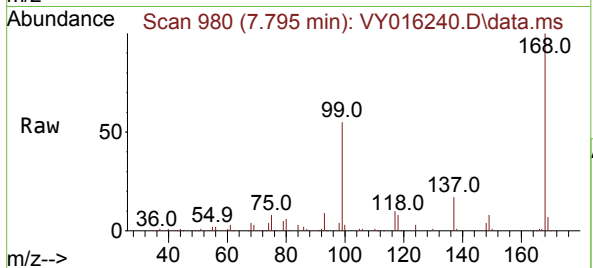




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

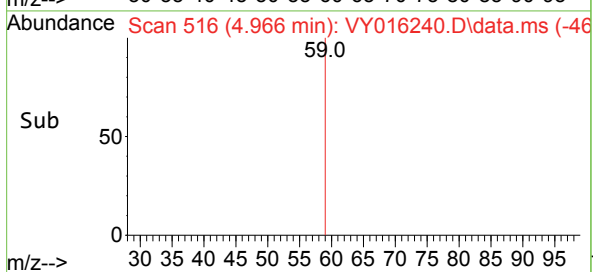
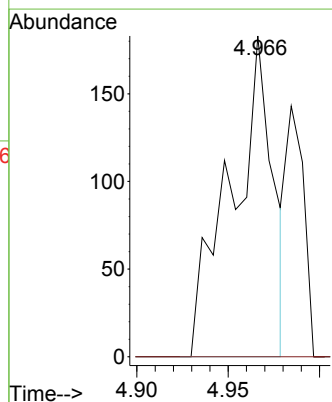
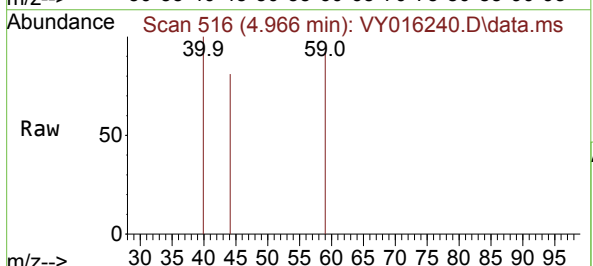
Instrument :
MSVOA_Y
ClientSampleId :

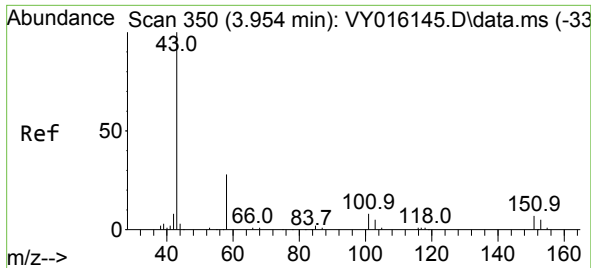
Tgt Ion:168 Resp: 113000
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.671 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

Tgt Ion: 59 Resp: 290
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

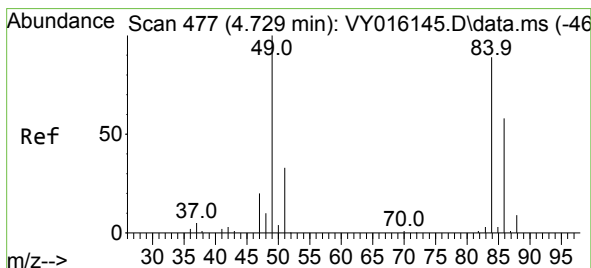
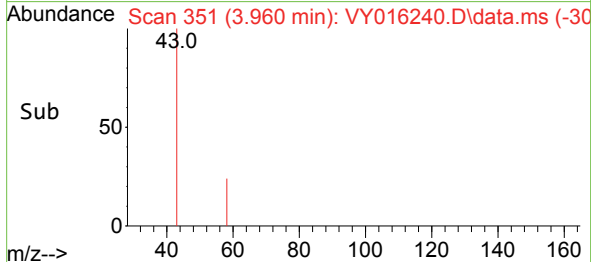
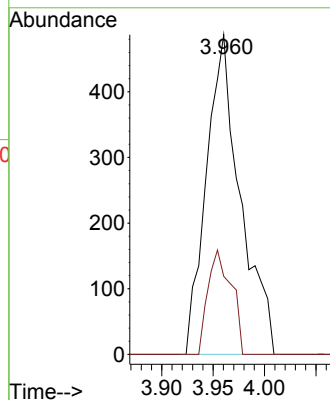
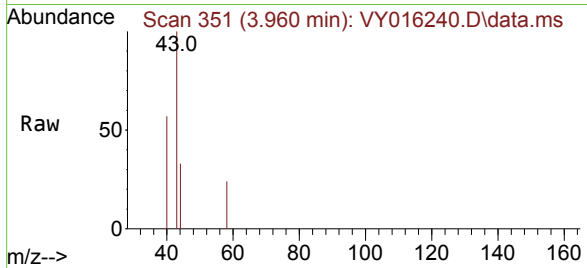




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

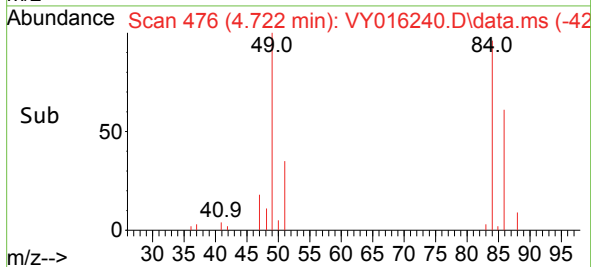
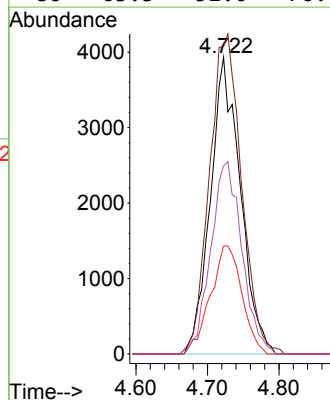
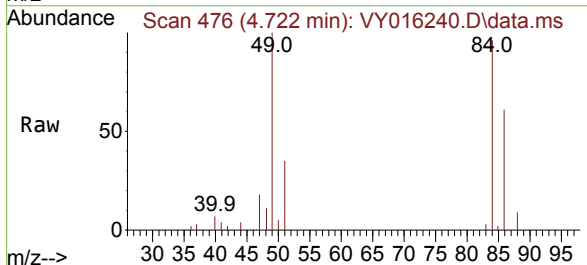
Instrument :
MSVOA_Y
ClientSampleId :

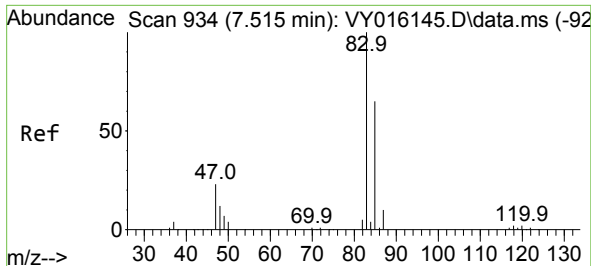
Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
58 24.4 22.7 34.1



#20
Methylene Chloride
Concen: 8.068 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

Tgt Ion: 84 Resp: 11424
Ion Ratio Lower Upper
84 100
49 103.7 106.9 160.3#
51 36.3 33.2 49.8
86 63.3 51.0 76.6

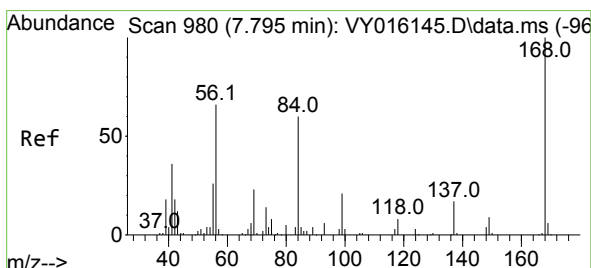
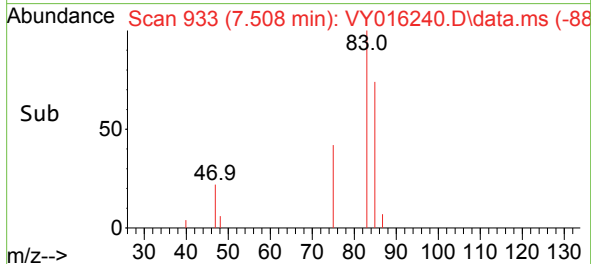
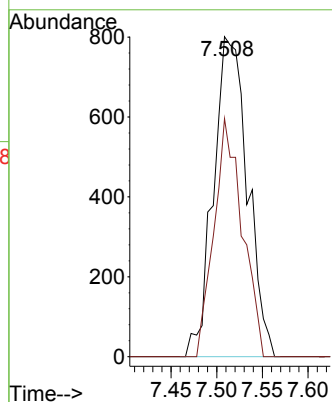
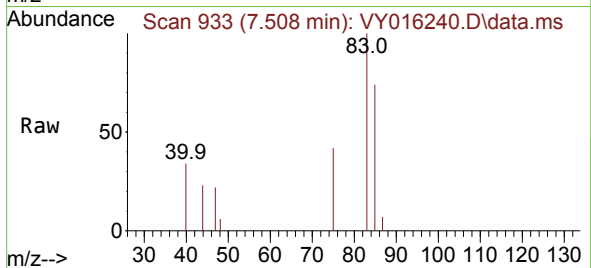




#30
Chloroform
Concen: 1.031 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

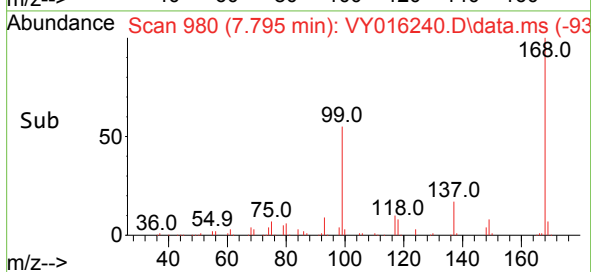
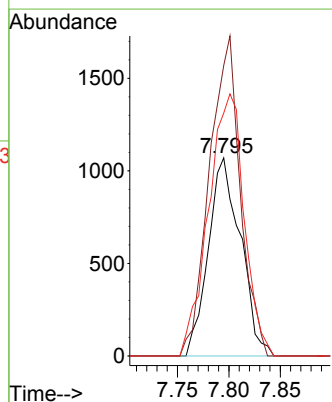
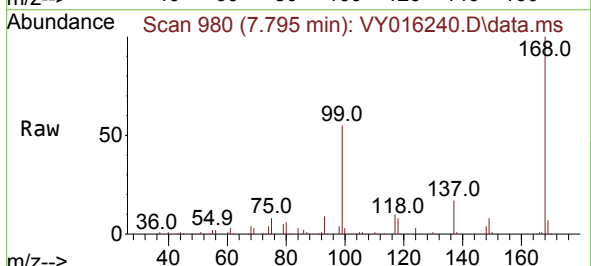
Instrument :
MSVOA_Y
ClientSampleId :

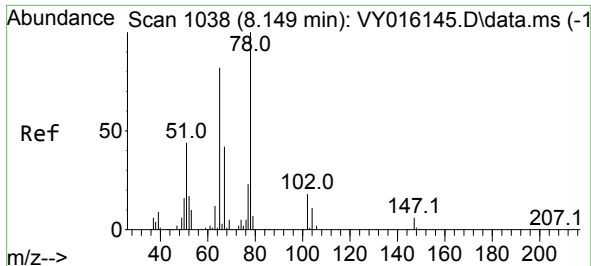
Tgt Ion: 83 Resp: 2078
Ion Ratio Lower Upper
83 100
85 74.4 49.7 74.5



#31
Cyclohexane
Concen: 1.435 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

Tgt Ion: 56 Resp: 2332
Ion Ratio Lower Upper
56 100
69 146.6 27.8 41.6#
84 122.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 59.443 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY016240.D

Acq: 06 Nov 2023 16:30

Instrument :

MSVOA_Y

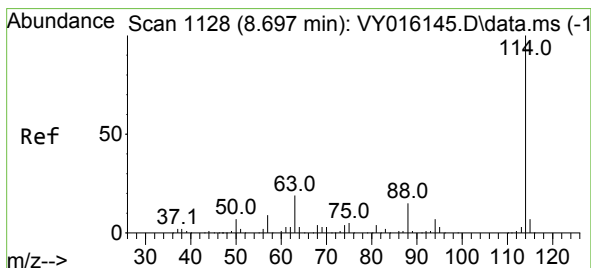
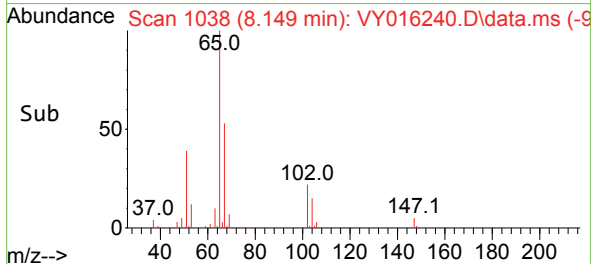
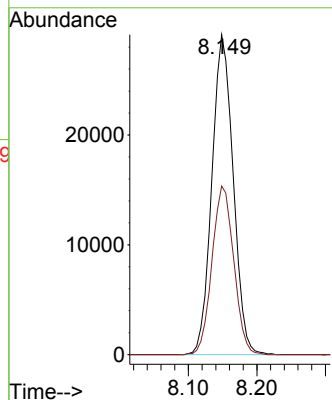
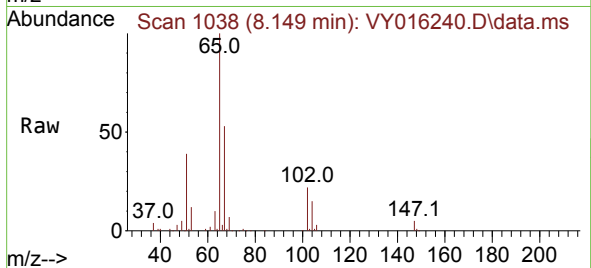
ClientSampleId :

Tgt Ion: 65 Resp: 62854

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016240.D

Acq: 06 Nov 2023 16:30

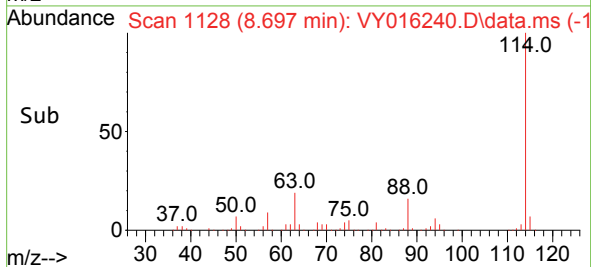
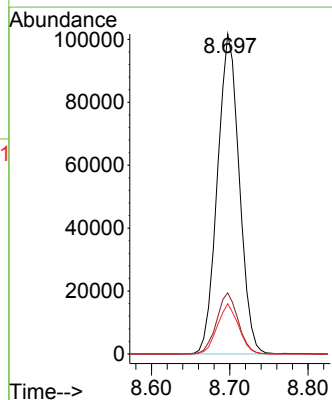
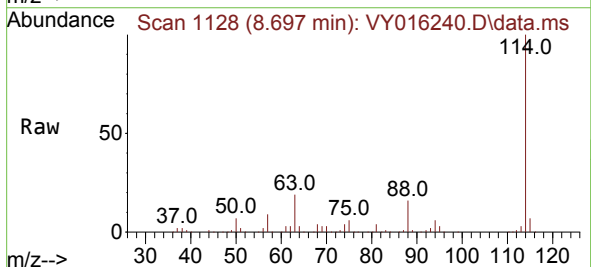
Tgt Ion: 114 Resp: 197045

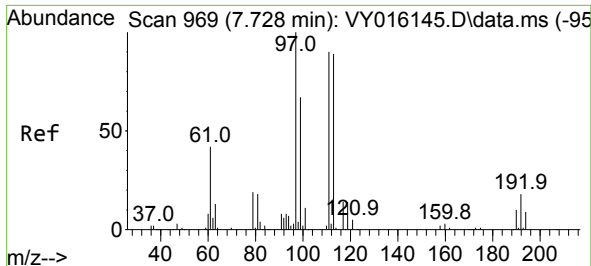
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

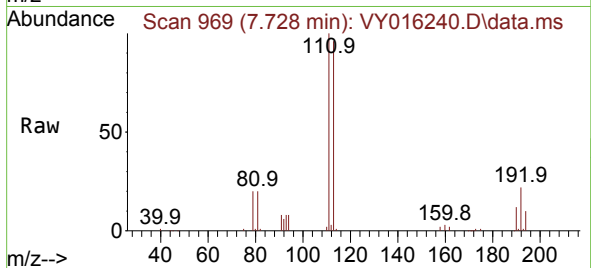
88 15.7 0.0 30.6



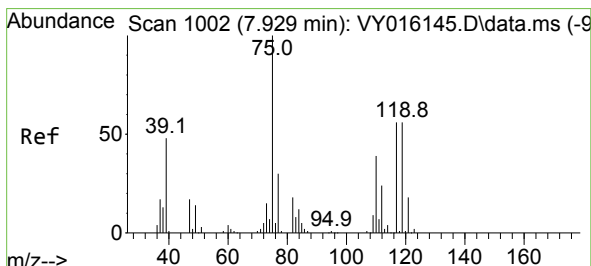
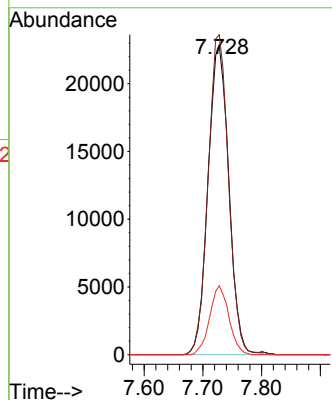
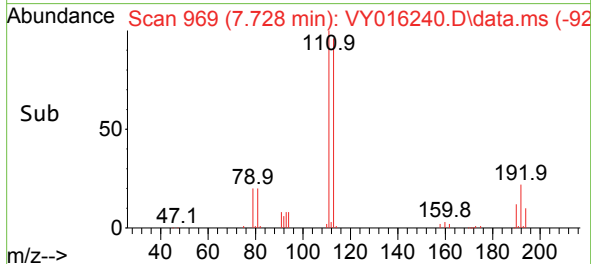


#35
Dibromofluoromethane
Concen: 47.817 ug/l
RT: 7.728 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

Instrument :
MSVOA_Y
ClientSampleId :

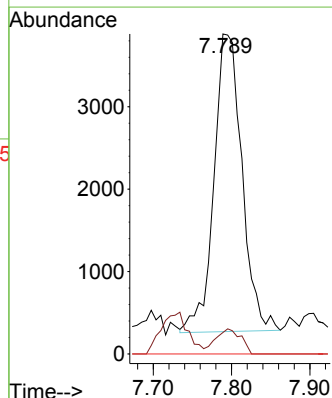
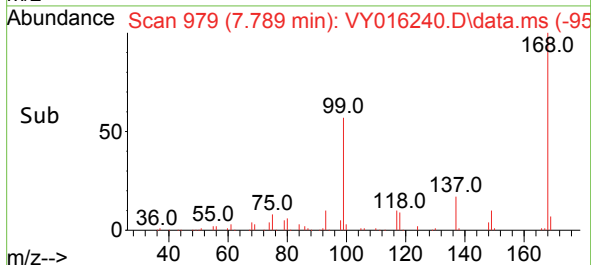
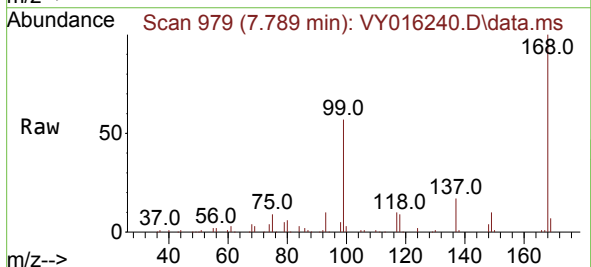


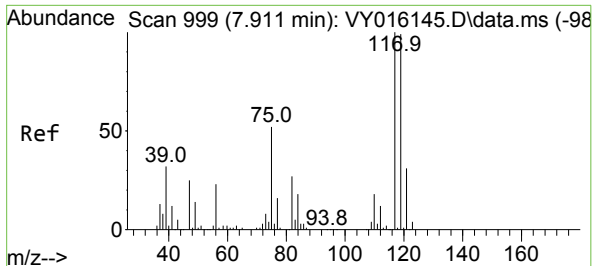
Tgt Ion:113 Resp: 56172
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.293 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

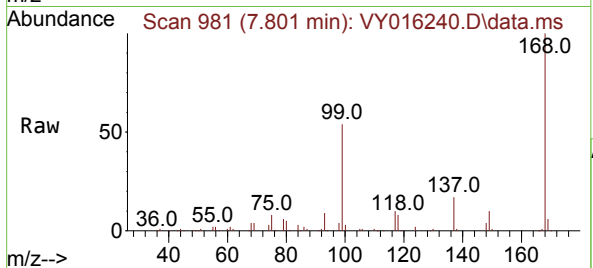
Tgt Ion: 75 Resp: 8979
Ion Ratio Lower Upper
75 100
110 7.5 17.8 53.5#
77 0.0 24.4 36.6#



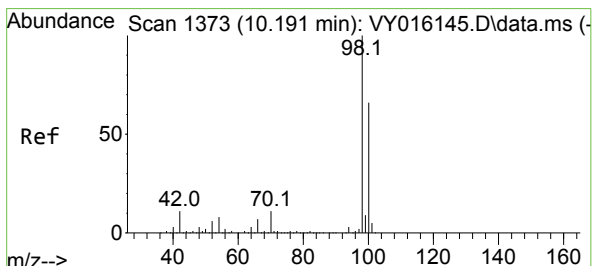
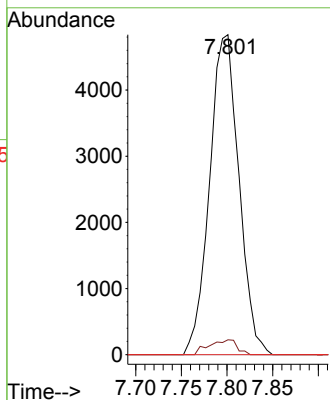
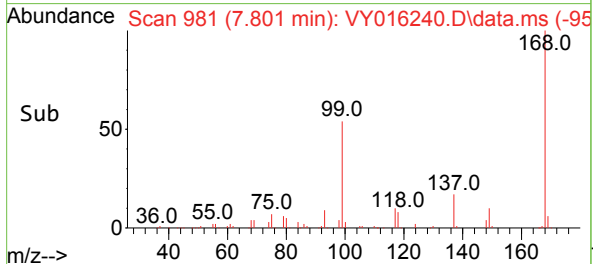


#38
Carbon Tetrachloride
Concen: 6.434 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

Instrument :
MSVOA_Y
ClientSampleId :

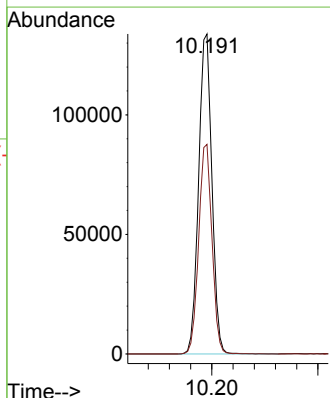
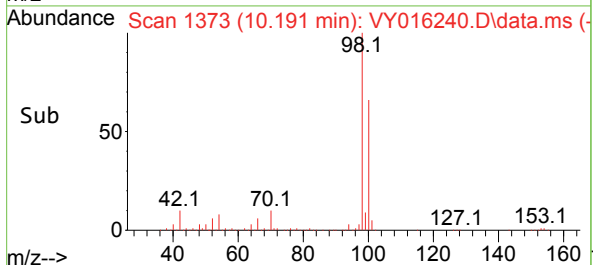
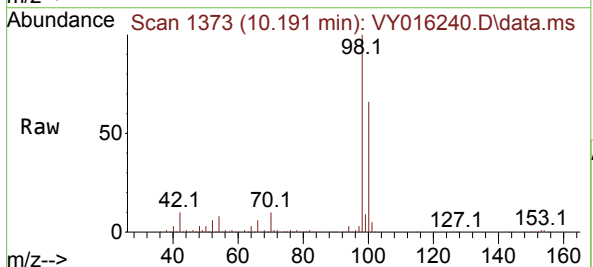


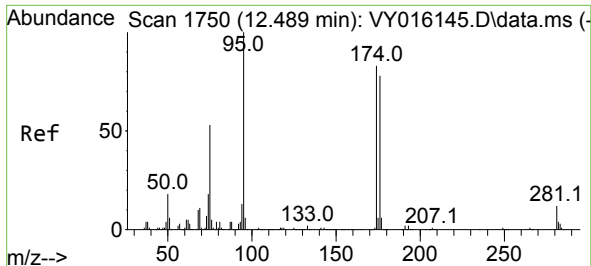
Tgt Ion:117 Resp: 10812
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.966 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

Tgt Ion: 98 Resp: 232721
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

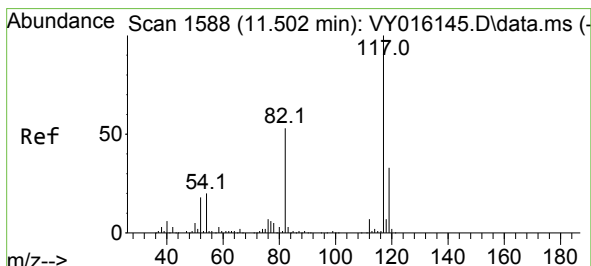
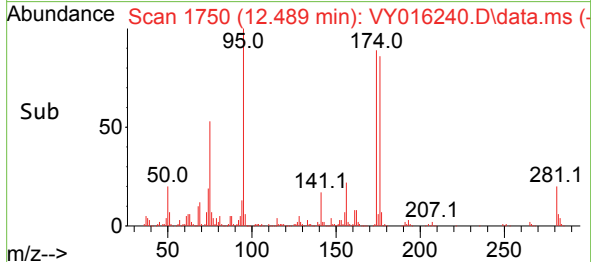
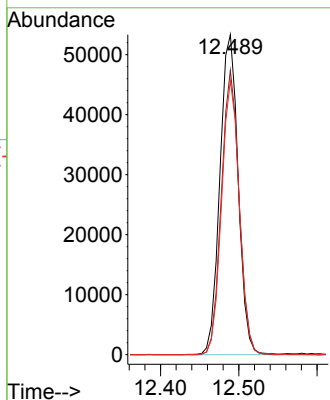
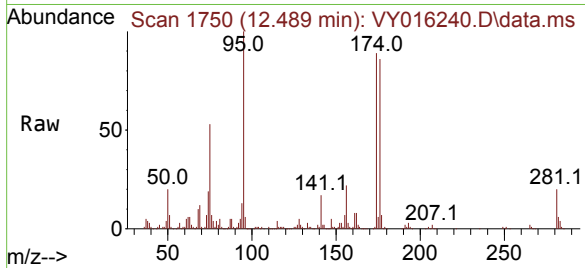




#62
4-Bromofluorobenzene
Concen: 54.309 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

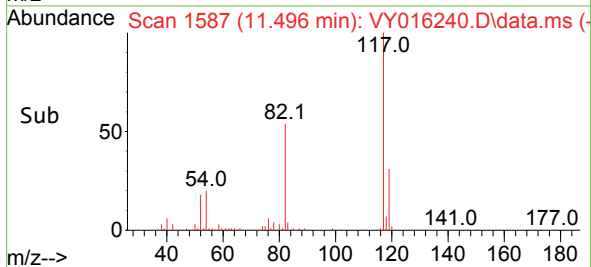
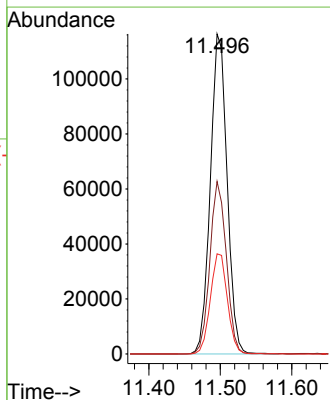
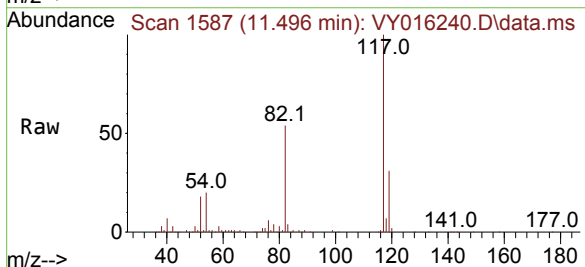
Instrument :
MSVOA_Y
ClientSampleId :

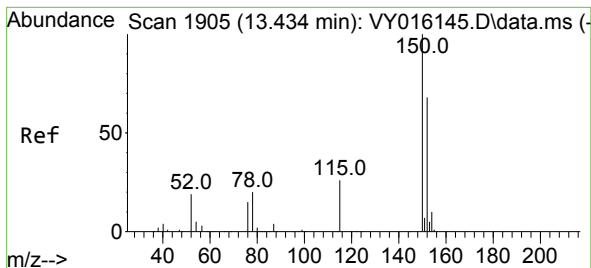
Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	178.2
176	83.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.4	65.0
119	31.3	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VY016240.D

Acq: 06 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

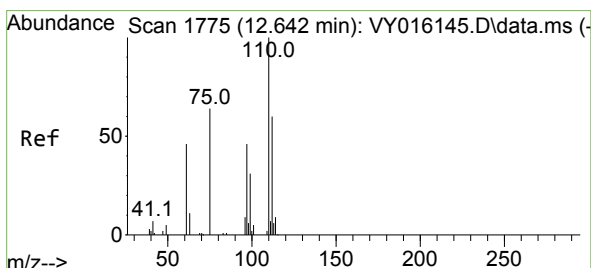
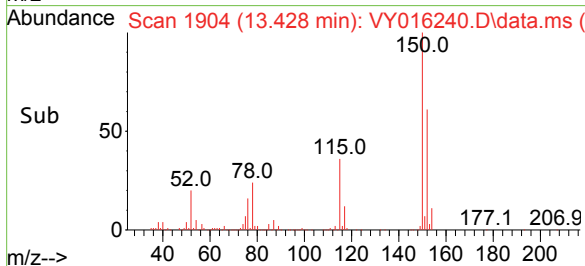
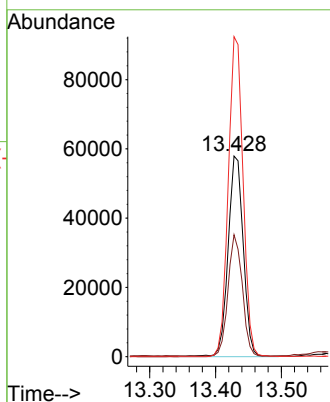
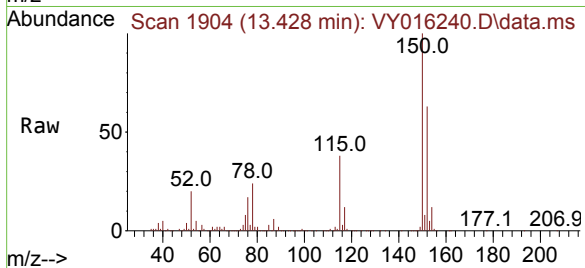
Tgt Ion:152 Resp: 93057

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 155.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 56.569 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016240.D

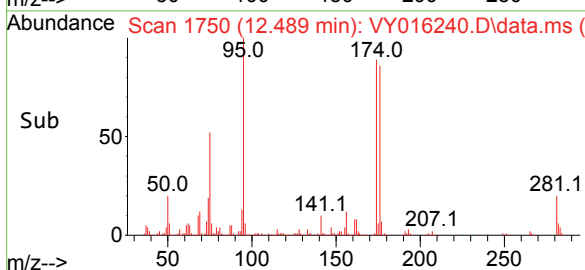
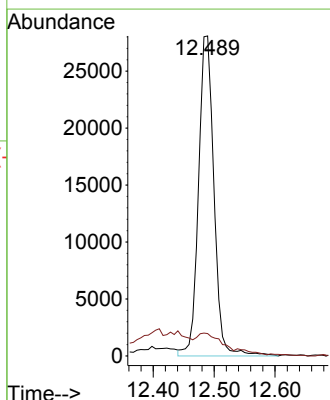
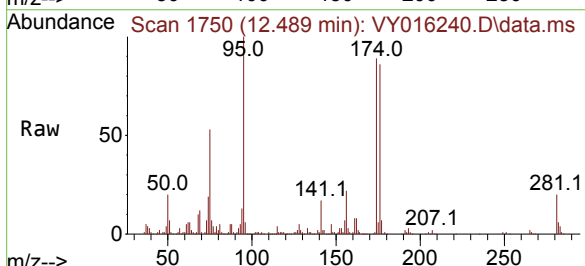
Acq: 06 Nov 2023 16:30

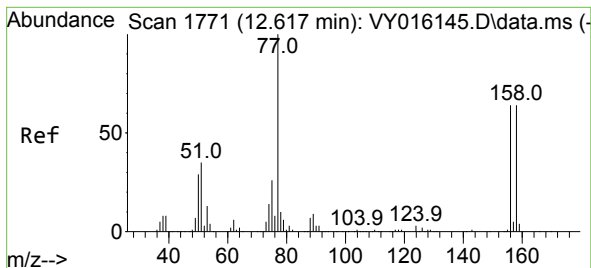
Tgt Ion: 75 Resp: 49573

Ion Ratio Lower Upper

75 100

77 12.3 0.0 0.0#





#77

Bromobenzene

Concen: 95.188 ug/l

RT: 12.428 min Scan# 1

Delta R.T. -0.189 min

Lab File: VY016240.D

Acq: 06 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

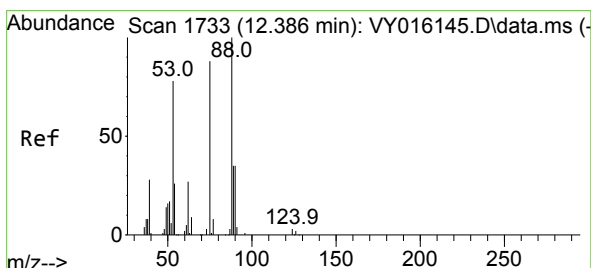
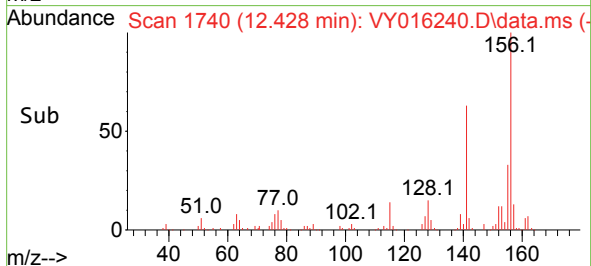
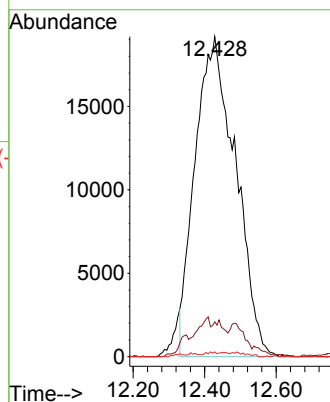
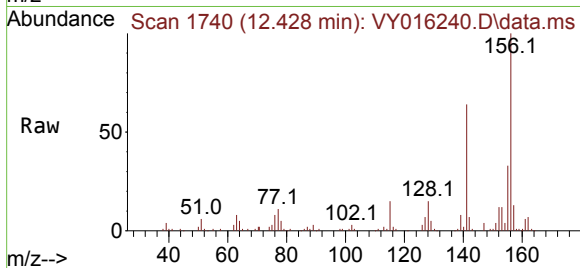
Tgt Ion:156 Resp: 150454

Ion Ratio Lower Upper

156 100

77 1.7 92.8 278.6#

158 0.2 48.4 145.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 122.655 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY016240.D

Acq: 06 Nov 2023 16:30

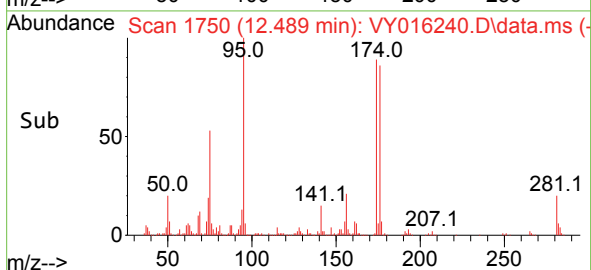
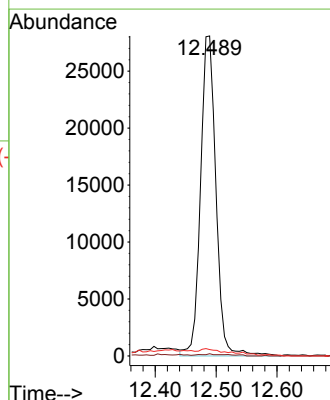
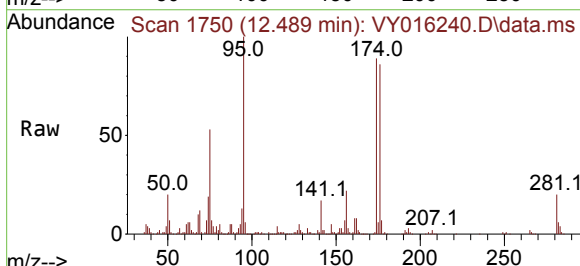
Tgt Ion: 75 Resp: 49573

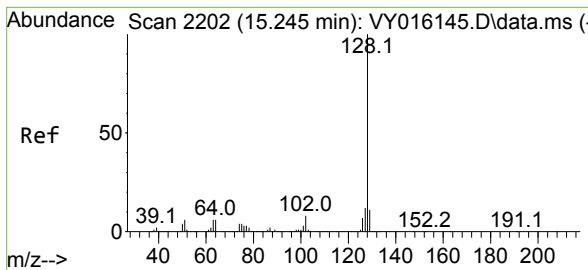
Ion Ratio Lower Upper

75 100

53 0.4 77.8 116.8#

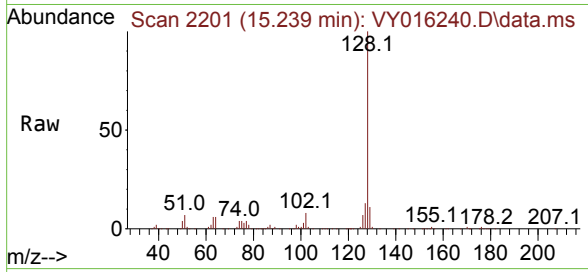
89 3.2 37.4 56.0#





#95
Naphthalene
Concen: 35.659 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 115482
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 11.2 8.6 13.0

